

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	615	((quer\$3 or search\$3) and rank\$3 and weight\$3 and (natural\$3 with language\$3) and pars\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 11:46
S2	462	S1 and @ad<"20031120"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 11:54
S3	239	S2 and ((search\$4 or quer\$3) with (servic\$4 or provid\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 11:22
S4	212	S3 and (API\$2 or (Application\$3 near program\$4 near interfac\$4) or interfac\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 10:33
S5	178	S4 and ((quer\$3 or search\$3) same (stor\$4 or databas\$3 or datastor\$3 or deposit\$4 or reposit\$4 or data adj stor\$3) same result\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 10:36
S6	19	S5 and (default\$3 with (rank\$4 or weight\$4 or level\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 12:27
S7	146	S2 and (((search\$4 or quer\$3) with (sourc\$4 or servic\$4 or provid\$3)) same (many or multi\$3 or multipl\$3 or plura\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 11:26
S8	0	("2002/0198869").URPN.	USPAT	OR	OFF	2006/05/23 11:45
S9	317	(metasearch\$3 or (distribut\$4 near search\$4))	USPAT	OR	OFF	2006/05/23 11:46

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S10	4	S9 and ((quer\$3 or search\$3) and rank\$3 and weight\$3 and (natural\$3 with language\$3) and pars\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 11:46
S11	315	S9 and @ad<"20031120"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 11:54
S12	12	S11 and (default\$3 with (rank\$4 or weight\$4 or level\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 11:55
S13	15	savvysearch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 12:46
S14	384480	savvy search	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 12:28
S15	5	"savvy search"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 12:28
S17	8	("5873080" "6009459" "6012053" "6041326" "6078914" "6101491" "6275820" "6370527").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/23 12:46
S18	12	(US-20020198869-\$ or US-20030069880-\$ or US-20040068486-\$ or US-20030050927-\$).did. or (US-6954755-\$ or US-6976053-\$ or US-6999963-\$ or US-6999959-\$ or US-6829599-\$ or US-6370527-\$ or US-6041326-\$ or US-6012053-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/05/23 13:51

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S20	12	(US-20020198869-\$ or US-20030069880-\$ or US-20040068486-\$ or US-20030050927-\$).did. or (US-6954755-\$ or US-6976053-\$ or US-6999963-\$ or US-6999959-\$ or US-6829599-\$ or US-6370527-\$ or US-6041326-\$ or US-6012053-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/05/23 20:04
S21	3	S20 and ((natural\$2 near language) with pars\$3)	US-PGPUB; USPAT	OR	OFF	2006/05/23 20:05

[PS] [SAVVYSEARCH: A Metasearch Engine That Learns Which Search Engines to](#) [All articles](#) [Recent articles](#)

[Query - group of 3 »](#)

AE Howe, D Dreilinger - AI Magazine, 1997 - sims.berkeley.edu

Page 1. SavvySearch: A Meta-Search Engine that Learns which Search Engines to Query

Adele E. Howe Daniel Dreilinger ... 1 The Application: Meta-Search on the Web ...

Cited by 114 - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[Experiences with selecting search engines using metasearch - group of 11 »](#)

D Dreilinger, AE Howe - ACM Transactions on Information Systems (TOIS), 1997 - portal.acm.org

... automated metasearch is to allow the user to completely direct query dispatch.

Tools such as All-In-One, 12 CUSI, 13 SEARCH.COM, 14 Infi-NET's META Search, ...

Cited by 134 - [Web Search](#) - [BL Direct](#)

[Models for metasearch - group of 4 »](#)

JA Aslam, M Montague - Proceedings of the 24th annual international ACM SIGIR ..., 2001 - portal.acm.org

... existing metasearch strategies. Finally, our initial upper bounds demonstrate that

there is much to learn about the limits of the performance of meta-search. ...

Cited by 66 - [Web Search](#)

[Building efficient and effective metasearch engines - group of 7 »](#)

W Meng, C Yu, KL Liu - ACM Computing Surveys (CSUR), 2002 - portal.acm.org

... A reference software component architecture of a metasearch engine is illustrated

in ... If the number of component search engines in a meta-search engine is ...

Cited by 89 - [Web Search](#) - [BL Direct](#)

[Metaseek: A content-based meta-search engine for images - group of 12 »](#)

M Beigi, AB Benitez, SF Chang... - submitted to SPIE Conference on Storage and Retrieval for ..., 1997 - ee.columbia.edu

... Other automated Web meta-searchers are Dogpile, Metafind and Metasearch. ... Tools such

as All-in-One, CUSI, search.com, Infi-Net's META search and InterNIC are ...

Cited by 57 - [View as HTML](#) - [Web Search](#)

[When Image is Everything - group of 2 »](#)

I Image, P Metasearch - Searcher, 2002 - infotoday.com

... Type your keyword in the Word Filter ("Must Contain") box and enjoy. Ithaki

Image and Photo Metasearch <http://www.todalanet.com/images/>. ...

Cached - [Web Search](#)

[Towards a highly-scalable and effective metasearch engine - group of 21 »](#)

Z Wu, W Meng, C Yu, Z Li - Proceedings of the tenth international conference on World ..., 2001 - portal.acm.org

Page 1. Towards a Highly-Scalable and Effective Metasearch Engine £ Zonghuan

Wu ½, Weiyi Meng ½, Clement Yu ¾, Zhuogang Li ½ ...

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[Architecture of a metasearch engine that supports user information needs - group of 9 »](#)

EJ Glover, S Lawrence, WP Birmingham, CL Giles - Proceedings of the eighth international conference on ..., 1999 - portal.acm.org

... Using relevance feedback in content&based image metasearch. ... SavvySearch: A

meta-search engine that learns which search engines to query. ...

Cited by 31 - [Web Search](#)

[Efficient and effective metasearch for a large number of text databases - group of 2 »](#)

C Yu, W Meng, KL Liu, W Wu, N Rish - Proceedings of the eighth international conference on ..., 1999 - portal.acm.org

Page 1. Efficient and Effective Metasearch ... Furthermore, the storage requirement

on the site containing the metasearch engine can be very large. ...

Cited by 35 - [Web Search](#)

THE GUIDE TO COMPUTING LITERATURE


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used **distributed search** or **metasearch**

Found **57,692** of **923,142**

Sort results by


[Save results to a Binder](#)

Try an [Advanced Search](#)

Try this search in [The Digital Library](#)

Display results


[Search Tips](#)
☐ Open results in a new window

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Experiences with selecting search engines using metasearch](#)



Daniel Dreilinger, Adele E. Howe

July 1997 **ACM Transactions on Information Systems (TOIS)**, Volume 15 Issue 3

Publisher: ACM Press

Full text available: [pdf\(428.65 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Search engines are among the most useful and high-profile resources on the Internet. The problem of finding information on the Internet has been replaced with the problem of knowing where search engines are, what they are designed to retrieve, and how to use them. This article describes and evaluates SavvySearch, a metasearch engine designed to intelligently select and interface with multiple remote search engines. The primary metasearch issue examined is the importance of carefully selecti ...

Keywords: WWW, information retrieval, machine learning, search engine

2 [Distributed: Server selection methods in hybrid portal search](#)



David Hawking, Paul Thomas

August 2005 **Proceedings of the 28th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '05**

Publisher: ACM Press

Full text available: [pdf\(149.83 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The TREC.GOV collection makes a valuable web testbed for distributed information retrieval methods because it is naturally partitioned and includes 725 web-oriented queries with judged answers. It can usefully model aspects of government and large corporate portals. Analysis of the.gov data shows that a purely distributed approach would not be feasible for providing search on a.gov portal because of the large number (17,000+) of web sites and the high proportion that do not provide a search inte ...

3 [Building efficient and effective metasearch engines](#)



Weiyi Meng, Clement Yu, King-Lup Liu

March 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 1

Publisher: ACM Press

Full text available: [pdf\(416.07 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Frequently a user's information needs are stored in the databases of multiple search engines. It is inconvenient and inefficient for an ordinary user to invoke multiple search engines and identify useful documents from the returned results. To support unified access to multiple search engines, a metasearch engine can be constructed. When a metasearch engine receives a query from a user, it invokes the underlying search engines to retrieve useful information for the user. Metasearch engines have ...

Keywords: Collection fusion, distributed collection, distributed information retrieval, information resource discovery, metasearch

4 A highly scalable and effective method for metasearch



Weiye Meng, Zonghuan Wu, Clement Yu, Zhuogang Li

July 2001 **ACM Transactions on Information Systems (TOIS)**, Volume 19 Issue 3

Publisher: ACM Press

Full text available: [pdf\(653.63 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A metasearch engine is a system that supports unified access to multiple local search engines. Database selection is one of the main challenges in building a large-scale metasearch engine. The problem is to efficiently and accurately determine a small number of potentially useful local search engines to invoke for each user query. In order to enable accurate selection, metadata that reflect the contents of each search engine need to be collected and used. This article proposes a highly scalable ...

Keywords: Database selection, distributed text retrieval, metasearch engine, resource discovery

5 Towards a highly-scalable and effective metasearch engine



Zonghuan Wu, Weiye Meng, Clement Yu, Zhuogang Li

April 2001 **Proceedings of the 10th international conference on World Wide Web**

Publisher: ACM Press

Full text available: [pdf\(245.18 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: database selection, distributed text database, metasearch engine, resource discovery

6 Efficient and effective metasearch for text databases incorporating linkages among documents



Clement Yu, Weiye Meng, Wensheng Wu, King-Lup Liu

May 2001 **ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international conference on Management of data SIGMOD '01**, Volume 30 Issue 2

Publisher: ACM Press

Full text available: [pdf\(245.22 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Linkages among documents have a significant impact on the importance of documents, as it can be argued that important documents are pointed to by many documents or by other important documents. Metasearch engines can be used to facilitate ordinary users for retrieving information from multiple local sources (text databases). There is a search engine associated with each database. In a large-scale metasearch engine, the contents of each local database is represented by a representative. Each u ...

Keywords: distributed collection, information retrieval, linkages among documents, metasearch

7 OAI application: Extending SDARTS: extracting metadata from web databases and interfacing with the open archives initiative



Panagiotis G. Ipeirotis, Tom Barry, Luis Gravano

July 2002 **Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital libraries**

Publisher: ACM Press

Full text available: [pdf\(303.33 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

SDARTS is a protocol and toolkit designed to facilitate metasearching. SDARTS combines two complementary existing protocols, SDLIP and STARTS, to define a uniform interface